ABSTRACT

The invention relates to a sorption element for a sorption-supported air conditioning unit for the humidification and/or heating and/or cooling of a room or an airflow. According to the invention, the heat and material transfer may be improved with a reduction in the size of the embodiment, variable amounts of the employed sorption agent and increased resistance to over-saturation, whereby the sorption element is embodied as a tubular piece with a tubular cross-section with a first and an opposing second open end with a first air-permeable grid element (23), defining the first open end and a second air-permeable grid element (14), defining the second open end thereof, whereby the grid elements do not permit a sorption agent to pass.